

Docket No.: 0023-097



PATENT

#1264  
Amal C  
4-30-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Masahiro MAKI, et al.

Serial No.: 09/159,386

Filed: September 23, 1998

For: COMMUNICATION SYSTEMS, SENDER AND RECEIVER

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: Group Art Unit: 2632  
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: Examiner: HA, Dac V.  
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RECEIVED  
APR 29 2002  
Technology Center 2600

PRELIMINARY AMENDMENT FILED WITH CPA

Commissioner for Patents  
Washington, DC 20231

Sir:

Prior to examination and calculation of fees, please enter the following amendments and remarks. A mark-up version showing amendment made is also attached hereto.

IN THE CLAIMS

Please cancel claims 15 and 31.

Please amend claims 14, 16-21 and 28 as follows.

Sub D37  
14. A receiver for use in a communication system in which a sender and a receiver are connected to each other via a transmission line, said receiver comprising:

transmission line characteristics measuring means for receiving carrier signals that the sender send in after converting an input signal into said carrier signals and for determining transmission line characteristics in respective frequency bands for said carrier signals;

receiving signal synthesizing means for synthesizing the outputs of said transmission line characteristics measuring means; and

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